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measurement state of said ~~measurement~~ means.

wherein the display state of said display means is switched in accordance with the laser beam illumination state of said illumination means.

3. An apparatus according to claim 1, wherein said control means changes a size of an eye fundus

image displayed on said display means in accordance with the measurement state of said measurement means.

4. An apparatus according to claim 2, wherein  
5 said control means zooms an image displayed on said display means at the start of the laser beam illumination, and restores the image to the size before zooming at the end of the laser beam illumination.

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5. An apparatus according to claim 1, further comprising

(1) instruction signal input means for  
inputting an instruction signal for a measurement  
15 state to said control means,

wherein the display state of said display means is changed in accordance with an instruction from said instruction signal input means.

20 6. An apparatus according to claim 1, wherein said display means can display predetermined data in addition to an eye fundus image, and changes display states of the eye fundus image and the data in accordance with an output from said control means.

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7. An apparatus according to claim 1, wherein said eye fundus examination apparatus is an eye

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fundus blood flowmeter.

Sub AI 8. An apparatus according to claims 1, 2, 5  
and 6, wherein said control means changes the display  
5 state in accordance with the predetermined position.

9. An eye fundus examination apparatus  
comprising:

10 (1) illumination means for illuminating an eye  
fundus of an eye to be examined;

(2) beam illumination means for illuminating  
the eye fundus with a beam;

15 (3) image pickup means for outputting an  
electrical image signal by picking up an eye fundus  
image illuminated by said illumination means and an  
illumination image illuminated by said beam  
illumination means;

20 (4) display means for displaying the eye  
fundus image and illumination beam image on the basis  
of the video signal;

(5) beam position detection means for  
detecting an illumination beam position; and

25 (6) display information control means which  
can change at least one of a display position and  
display zooming ratio of an image displayed on said  
display means in accordance with a detection result  
obtained by said beam position detection means.

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10. An apparatus according to claim 9, wherein  
when the display position or display zooming ratio is  
to be changed, the display position or display  
zooming ratio is changed such that the beam position  
5 is displayed in a display area where the image is  
displayed.

11. An apparatus according to claim 9, wherein  
when the display position or display zooming ratio is  
10 to be changed, the display position or display  
zooming ratio is changed such that the beam position  
is displayed in a substantially center of a display  
area where the image is displayed.

12. An apparatus according to claim 9, wherein  
control is performed to display a low-zooming-ratio  
display image when the beam position cannot be  
detected, and to display a high-zooming-ratio display  
image when the beam position can be detected.

13. An apparatus according to claim 11,  
wherein the display position or display zooming ratio  
is changed a predetermined time after detection of  
the beam position.

14. An apparatus according to claim 9, wherein  
both the eye fundus image and predetermined data can

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be displayed on said display means, and a method of displaying the eye fundus image and the predetermined data is changed when the beam position is detected.

- 5            15. An apparatus according to claim 9, further comprising instruction means for instructing to change at least one of a display position and display zooming ratio of an image displayed on said display means.

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